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AL-45-700127-4

FY-66
QUARTERLY REPORT
No. 2
Contract
30 November 1965

25X1

(1 September 1965 - 30 November 1965)

PREPARED BY:

25X1

APPROVED BY:

Declass Review by NGA.

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PROGRAM OBJECTIVE

To investigate, through studies, tests and the fabrication and use of engineering breadboard equipment, new methods or devices which will further the state-of-the-art in photographic techniques and practices as it pertains to improved extraction of collected intelligence information from photographic materials.

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SECTION I

REPORT

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SUMMARY

25X1 1. The Contract FY-66, No. 2 Quarterly Report is in lieu of a November Monthly Report and covers active PAR Progress for the months of September, October and November 1965.

2. Detailed reports, covering progress of approved active PARs, are included in this report and are listed in the Table of Contents.

3. Two Progress Review Meetings were held at the contractor's facility during this quarter. The following minutes of these meetings have been transmitted to the customer:

- a. 31 August - 1 September 1965 Meeting,
Document AL-35-700074-
- b. 15 - 16 November 1965 Meeting,
Document AL-45-700119-

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DISCUSSION

4. PAR Status: A complete index listing of PARs, titles (condensed in some cases) and status is included for quick reference:

| <u>PAR</u> | <u>Title</u> | <u>Status</u> |
|-------------|---|-------------------------------------|
| 201 | Travel and Liaison | Active |
| 202/ 224 | Briefing Print Enlarger/ 3X - 15X Enlarger | Active |
| 203 | Rapid Access Printer | Completed 4 Aug 65 |
| 204 | Contact Chip Printer | Termination Rpt completed 27 Jan 65 |
| 205 | Precision 4X Enlarger | Termination Rpt completed 27 Jan 65 |
| 206 | Reversal Processing Study | Completed 21 May 65 |
| 207 | Contact Printer Study | Complete except for final report |
| 208 | Non-Elec. Image Enhancement | Cancelled |
| 209 | Phosphor Viewer | Cancelled |
| 210 | Laminated Slides | Completed 4 Sept 64 |
| 211 | Processing Effects Study | Completed 28 Oct 65* |
| 212 | Color Acq. System Review | Completed 28 Oct 65* |
| 213 | Color Reprod. Review | Completed 13 Aug 65* |
| 214 | Roller Transport Processor (12-Inch) | Completed 15 Nov 65* |
| 215 | Roller Transport Processor (24-Inch) | Completed 15 Nov 65* |

* Change of status during the subject quarter.

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| <u>PAR</u> | <u>Title</u> | <u>Status</u> |
|------------|----------------------------------|--------------------------|
| 216 | Laser Photographic Exposure | Completed 12 Feb 65 |
| 217 | Optimization of Lasers | Completed 9 Nov 65* |
| 218 | Autofocus Systems | Not to be submitted |
| 219 | Opt. vs Contact Ptg. 1:1 | Not to be submitted |
| 220 | Static Elec. Hold-Down | Disapproved |
| 221 | Lens Bench Manual | Not to be submitted |
| 222 | Auto Stereo Registrn System | Completed 3 Mar 65 |
| 223 | Monochr. Lens System | Disapproved |
| 225 | Micro-D Training Program | Terminated |
| 226 | Edge Trace Meas., Micro-D | Completed |
| 227 | Color Viewer | Awaiting Customer action |
| 228 | Vectograph Study | Not to be submitted |
| 229 | Optical Design Film Viewer | Not to be submitted |
| 230 | 10X Color Lens | Disapproved |
| 231 | 10-20-40X Color Lamphouse | Disapproved |
| 232 | Automated Edge Trace Device | Disapproved |
| 233 | Zoom (6X to 60X) Projection Lens | Active |
| 234 | MTF Exposure Device | Disapproved |
| 235 | Automation Program Study | Disapproved |
| 236 | Film Disposal Rewind Unit | Disapproved |

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| PAR | Title | Status |
|-----|--|---------------------------|
| 237 | Briefing Aids | Complete 25 July 65 |
| 238 | Equipment Installation | Active |
| 239 | Administration | Active |
| 240 | Not Assigned | |
| 241 | Not Assigned | |
| 242 | Color Demonstration Material | Awaiting Customer action |
| 243 | Briefing Print Enlarger (Prototype) | Awaiting Customer action* |
| 244 | Spare Parts for RT Processors | Awaiting Customer action* |

5. Active PAR summary progress discussions are included in Section II (PAR Progress).

6. The following PARs were completed during the second quarter FY-66 by the submission of final report. These projects are considered closed:

a. PAR 211, Processing Effects Study - Final report submitted 28 Oct 65.

b. PAR 212, Color Acquisition System Review - Final report submitted 28 Oct 65.

c. PAR 217, Optimization of Lasers - Final report submitted 9 Nov 65.

7. PARs submitted to the customer during the No. 2 Quarter FY-66 and their present status:

a. PAR 242A, Color Demonstration Material-Revision A - Submitted 9 Nov 65; awaiting customer action.

b. PAR 243, Briefing Print Enlarger (Prototype) - Submitted 11 Nov 65; awaiting customer action.

c. PAR 244, Spare Parts for RT Processors - Submitted 12 Oct 65; awaiting customer action.

* Change of Status during the subject quarter.

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SECTION II
PAR PROGRESS

SECTION III
FISCAL SUMMARY

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